

IN THE CLAIMS

1. (Currently amended) A body-worn personal communications apparatus, comprising:
 - a physically-shortened electric antenna that is physically smaller than its electrical length;
 - a transceiver connected to said physically-shortened electric antenna;
 - a microphone connected to said transceiver; and
 - a casing,wherein said transceiver is disposed within said casing,
wherein said physically-shortened electric antenna is mounted transversely to a plane through said casing,
wherein said physically-shortened electric antenna is ~~inaccessible~~ designed so as to not require manipulation by a user.
2. (Currently amended) A body-worn personal communications apparatus, comprising:
 - a casing; and
 - a physically-shortened electric antenna mounted on said casing, said physically-shortened electric antenna being physically smaller than its electrical length;wherein said physically-shortened electric antenna is a helical antenna;
wherein said physically-shortened electric antenna is ~~inaccessible~~ designed so as to not require manipulation by a user.
3. (Previously presented) The apparatus of claim 1, wherein said physically-shortened electric antenna is a meander-line antenna.
4. (Canceled)
5. (Previously presented) The apparatus of claim 1, wherein said microphone is located at an end of said physically-shortened electric antenna furthest from said casing.

6. (Previously presented) The apparatus of claim 5, wherein said physically-shortened electric antenna is formed from a coaxial cable that provides electrical connections between said microphone and said transceiver.
7. (Previously presented) The apparatus of claim 5,
wherein said physically-shortened electric antenna is formed from a hollow wire,
wherein a first electrical connection between said microphone and said transceiver is provided by said hollow wire, and
wherein a second electrical connection between said microphone and said transceiver is provided by a conductor enclosed by said hollow wire.
8. (Previously presented) The apparatus of claim 6, wherein said microphone provides a low impedance at radio frequencies to thereby enable said coaxial cable forming said physically-shortened electric antenna to act as an inductive stub.
9. (Previously presented) The apparatus of claim 5, wherein said microphone provides a top loading to said physically-shortened electric antenna.
10. (Currently amended) A body-worn personal communications apparatus, comprising:
a casing; and
a physically-shortened electric antenna mounted transversely to a plane through said casing, wherein the physically-shortened electric antenna is physically smaller than its electrical length,
wherein said physically-shortened electric antenna is ~~inaccessible~~ designed so as to not require manipulation by a user.
11. (Previously presented) The apparatus of claim 10, wherein said physically-shortened electric antenna is a helical antenna.
12. (Previously presented) The apparatus of claim 10, wherein said physically-shortened electric antenna is a meander-line antenna.

13. (Canceled)

14. (Previously presented) The apparatus of claim 10, wherein said microphone is located at an end of said physically-shortened electric antenna furthest from said casing.

15. (Previously presented) The apparatus of claim 10, further comprising:

a transceiver,

wherein said physically-shortened electric antenna is formed from a coaxial cable that provides electrical connection between said microphone and said transceiver.

16. (Previously presented) The apparatus of claim 15, wherein said microphone provides a low impedance at radio frequencies to thereby enable said coaxial cable forming said physically-shortened electric antenna to act as an inductive stub.

17. (Previously presented) The apparatus of claim 10, further comprising:

a transceiver,

wherein said physically-shortened electric antenna is formed from a hollow wire,

wherein a first electrical connection between said microphone and said transceiver is provided by said hollow wire, and

wherein a second electrical connection between said microphone and said transceiver is provided by a conductor enclosed by said hollow wire.

18. (Previously presented) The apparatus of claim 10, wherein said microphone provides a top loading to said physically-shortened electric antenna.